

IPUMS.ORG

- Introduction to IPUMS
- Data available through IPUMS
- Health-related data from IPUMS
- Restricted use data
- Demo of IPUMS CPS website
- Questions

What is IPUMS?

- US and international census and survey data
- NIH & NSF funding to improve data accessibility
- Integrated documentation and standardized data to streamline analysis
- Available free of charge

The IPUMS Model

- Data and documentation available via web-based dissemination system
- Create customized data extracts
- Download and analyze microdata
- User support through tutorials, user forum, and dedicated user support team

Benefits of Using IPUMS

- Harmonization
- Customized data extracts
- Integrated and supplemental documentation
- Online data analysis tools
- Additional data enhancements
- User support

What is Harmonization?

- Creating a single, consistent data series from datasets collected at different times
- Applying a coding scheme to group broadly comparable categories but retain additional detail when available
- Documenting these decisions and flagging potential comparability issues

Changes to detail in legal marital status in NHIS

Pre-2004 Categories

B = Not in Universe

1 = Married – spouse present

2 = Married – spouse not in
household

3 = Married – spouse in
household unknown

4 = Widowed

5 = Divorced

6 = Separated

7 = Never Married

2004-forward Categories

B = Not in Universe

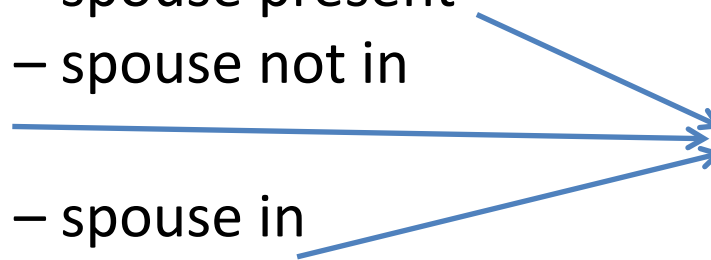
1 = Separated

2 = Divorced

3 = Married

4 = Single/Never Married

5 = Widowed



- The **first digit** of the code is consistent across all years
- The **second digit** of the code contains detail specific to pre-2004 data

Harmonized codes	
00	= Not in Universe
10	= Married
11	= Married – spouse present
12	= Married – spouse not in household
13	= Married – spouse in household unknown
20	= Widowed
30	= Divorced
40	= Separated
50	= Never Married

DATA AVAILABILITY

US & International Census & Survey Data

Census Data

IPUMS USA* (US)

IPUMS NHGIS* (US)

IPUMS International (Int'l)

IPUMS IHGIS (Int'l)

Survey data

IPUMS CPS (US)

IPUMS Time Use (US & Int'l)

IPUMS Health Surveys (US)

-NHIS

-MEPS

IPUMS Global Health (Int'l)

-DHS

-PMA

IPUMS Higher Ed (US)

*also includes survey data via ACS

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**US
Data**

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**International
Data**

US Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

US Data → Geographic Detail

Limited or
No Detail

NHGIS
USA
CPS
ATUS
NHIS
MEPS

Sub-state

NHGIS
USA
CPS
ATUS

Geographic
Units <100K

NHGIS

US Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

US Data → Data Characteristics

Flexibility

Microdata

USA
CPS
ATUS
NHIS
MEPS

Summary

NHGIS

Timing

Cross-Sectional

Longitudinal

1790s-onward

NHGIS
USA*

*can link historical decennial
census microdata

1960s-onward

NHGIS
USA
NHIS

CPS

1990s-onward

NHGIS
USA
NHIS
ATUS

CPS
MEPS

The diagram shows two curved arrows connecting the 1990s-onward data boxes. A teal arrow points from 'NHIS' in the first box to 'MEPS' in the second box. An orange arrow points from 'ATUS' in the first box to 'CPS' in the second box.

US Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

US Data → Target Population

All Persons

NHGIS
USA

**Civilian,
Non-institutionalized
Population**

NHGIS
USA
CPS
ATUS
NHIS
MEPS

US Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

SES

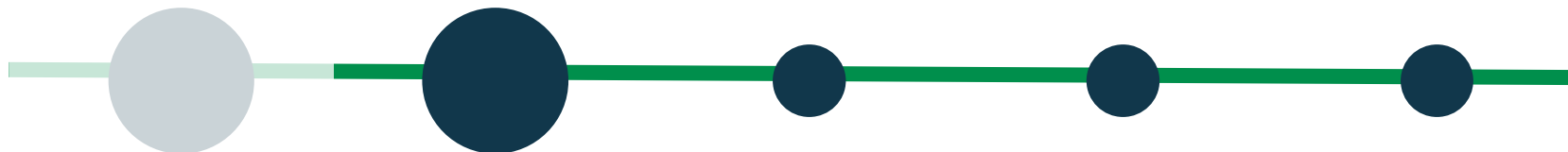
Housing

Work

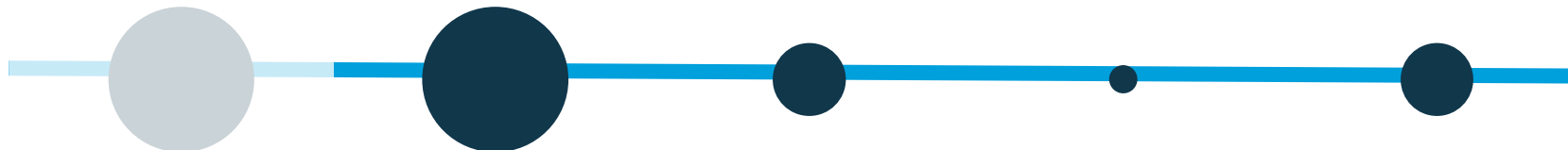
Income

Poverty

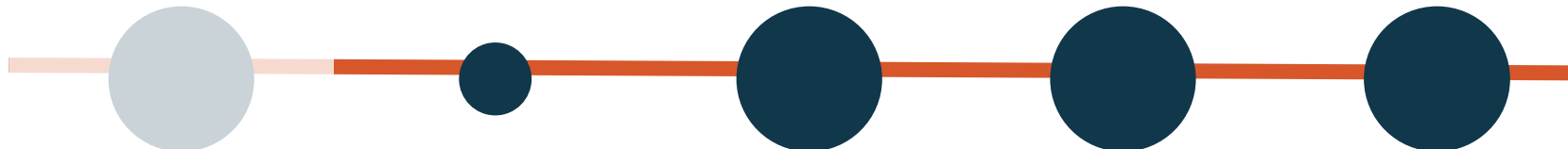
NHGIS



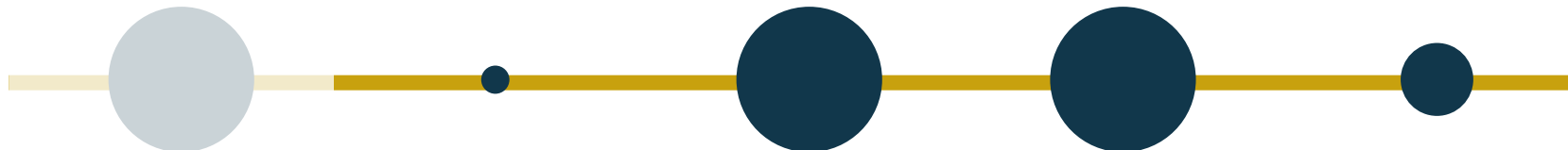
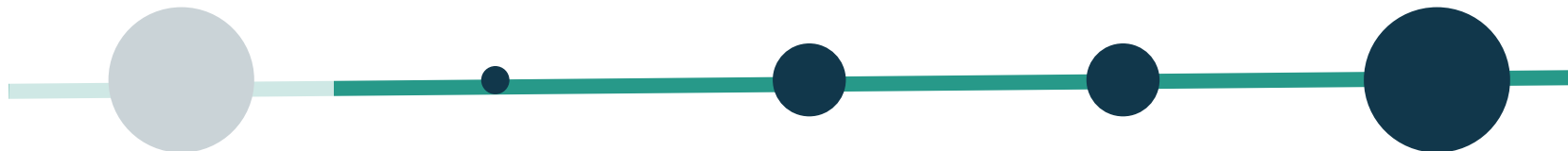
USA



CPS



ATUS

Health
Surveys

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**US
Data**

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**International
Data**

International Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

International Data → Geographic Detail

**First
Administrative
Unit**

IHGIS
INT'L
DHS
PMA

**Second
Administrative
Unit**

IHGIS*
INT'L

**GPS
coordinates**

DHS*
PMA*

*request directly from original data provider; can be used to infer second administrative unit, but may not be representative

International Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

International Data → Data Characteristics

Flexibility

Microdata

Summary

INT'L
DHS
PMA

IHGIS

Timing

International Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

International Data → Target Population

All Persons

IHGIS
INT'L

**Women of
child-bearing age**

IHGIS
INT'L
DHS
PMA

International Data

**Geographic
Detail**

**Target
Population**

**Data
Characteristics**

**Topical
Coverage**

RESEARCHING HEALTH

Fertility

Healthcare
Utilization

Health
Insurance

Health
Behaviors

Disability

Mental
Health

DHS/
PMA



Int'l



USA/
NHGIS



CPS



ATUS



Health
Surveys



Other Health Topics

- Healthcare workforce
 - USA, CPS, ATUS, NHIS, MEPS, International
- Healthcare expenditures
 - MEPS
- Mortality
 - NHIS

IPUMS and FSRDCs

- Common reasons for requesting restricted use versions:
 - More detail (geography, income)
 - Linking (administrative data, NHIS-MEPS)
- Can merge IPUMS onto restricted use versions of data in an FSRDC
- Resources on FSRDC applications using IPUMS data

IPUMS CPS

- Labor force survey fielded by BLS since 1960s
- Monthly data collection with battery of demographic and labor force questions for over 65,000 households
- Supplemental topics in some months, including the March ASEC
- Technically a short panel that can be leveraged for longitudinal analysis

THANK YOU